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MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
INTELLIGENT TRANSPORTATION SYSTEMS COMMITTEE

June 4, 2003
MAG Cholla Room, 2nd Floor
302 North First Avenue
Phoenix, Arizona

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MEMBERS ATTENDING

Jim Book, Glendale	Bruce Dressel, Scottsdale
Alan Sanderson, Mesa	Jim Decker, Tempe
Mike Mah, Chandler	Tim Wolfe, ADOT
Mike Sutton for Bruce Ward, Gilbert	Ron Amaya for Scott Nodes, Peoria
Nicolaas Swart, Maricopa County	Chuck Hydeman, Goodyear
Bob Steele, Phoenix	Mary Kihl, ASU
Bob Ciotti, RPTA	*Alan Hansen, FHWA
*Terry Conner, DPS	*Dennis Murphy, Phoenix Aviation
Bob Maki, Surprise	*Michael Smith, Avondale

OTHERS PRESENT

Bob McKnight, participating citizen	Brian Townsend, Gilbert
Marian Thompson, ADOT	Audrey Skidmore, MAG
Carl Burkhalter, ADOT	Chris Jordan, Kimley-Horn Associates
Pankaj Gupte, ADOT	Kimley-Horn Associates
Jimmie Dixon, Glendale	Anne McCracken, Valley Metro
Mike Nevarez, Phoenix Transit	Janet Secor, Scottsdale
Xiao Qin, MAG	
Sarath Joshua, MAG	

* Not present or represented by proxy

1. Call to Order

    Chairman Jim Book called the meeting to order at 9:34 AM.

2. Call to Audience

    Chairman Book made a call to the audience providing an opportunity to members of the public to address the ITS Committee. Mr. Bob McKnight made the following comments: he noted that the ITS needs more sensors; speed limit signs set for 35 MPH and traffic signal computer set for 45MPH; Thomas and 24th St half a mile traffic back up; traffic lights need more sensors to prevent stopping; some rethinking needed and more sensors to keep track of traffic and move it along better. The surface streets need to operate better with more ITS.

3. Approval of May 7, 2003 Meeting Minutes

Chuck Hydeman moved and Bruce Dressel seconded, and it was unanimously carried to approve the minutes of the May 7, 2003 ITS Committee meeting.

4. Program Managers Report

    The following is a summary of the report to the committee provided by Sarath Joshua:

    - SAFETEA Proposed Reauthorization - a quick summary was provided on the proposed act. Subtitle G: Program Efficiencies and Operations covered ITS
      Section 1701 on Transportation Systems Management and Operations referred to efficient and effective system management and the need to include public safety; under System Management a minimum requirement was developing a Regional Concept of Operations
      Sec 1702 specified the need to develop realtime system mgmt capabilities and alerts to motorists a)nationwide system to gather realtime information; b) realtime info on transit;
      Sec 1703 – Performance Incentive Program – how much of this will be earmarked is not known – approx $100m for ITS
      The text of the entire act will be posted at the MAG website. Tim Wolfe indicated that the Incentive Program will bring approx $2.5m to the state to be decided by the State Board. The second category is the Preservation Fund at $1B a year and (approx $20M/yr to AZ based on the NHS formula) that is supposed to be part of the economic incentive package – the only requirement is that projects need to be related to preservation. Alan Sanderson asked if there is any funding for on-going operations
      Preservation will also include street resurfacing etc and ITS project may have to compete with these projects.

    - ITS On-Call Services Contract Update – Received all the information from consultants except from URS. MAG hopes to have all the contracts signed before the next meeting. Jim Book asked if it is possible to have member agencies hire off this list. Sarath Joshua responded that FHWA had determined that it was not possible.

5. ADOT ITS Research Project

    This is a research project on ITS acceptance among the elderly and will be performed by Dr. Mary Kihl at ASU. This project was approved for $15,000 in TIP close-out funds at the recent TRC meeting.

6. Developments in Fiber Optic Communications in the Maricopa County

    Tim Wolfe introduced the ADOT team consisting of Marian Thomspon, Carl Burkhalter and Pankaj Gupte. Carl Burkhalter provided the presentation. He will be moving to northern Arizona and Pankaj will be taking over his tasks. This report is the result of an undertaking that ADOT made to the AZTech Executive Committee to provide an update on all fiber optic communication projects in the region. The report outlined a plan to

gradually build a fiber optic communications network in the region that would connect 25 sites. This network was based on the recommendations in the MAG Regional Community Network Study Final Report. It will build on existing agency owned fiber connections, FMS fiber backbone and future city fiber projects. Some funding for furthering this goal will come from the $3M ITS Interoperability Grant that ADOT received from USDOT. It is the intent of ADOT to launch a full Project Assessment of the proposed regional public sector fiber network proposed in the MAG RCN study and follow that with a Design Concept Report. Once these two tasks are accomplished as funds become available ADOT will build segments of the backbone. The proposed time line for the project showed completion of the network by 2008.

In response to a question from Bob Steele on when AZTech Interoperability funds will become available, Tim Wolfe indicated that it is from FY 2003 funds and ADOT should have access to the funds shortly.

In response to a question from Chuck Hydeman, Carl responded that there is no plan to extend the FMS on I-10 to enable a Goodyear to tie in via the FMS to the network.

7. Regional Community Network (RCN) Implementation Options
Sarath Joshua informed the committee that the project has been completed and the final report delivered to MAG. There is no funding for this project. It is upto the MAG ITS committee to decide how we may want to move ahead on this project. As Carl presented this study proposed 3 fiber rings to cover the entire region. However, there is a discussion in the East Valley to explore the possibility of launching a sub regional network just for East Valley. At the next meeting of this East Valley group MAG will brief them on the RCN study recommendations. The MAG TAG is looking to see how much support exists in the ITS Committee to implement the entire system. One option is to build this network in small parts as each city builds its own network. A second option is to recommend this as a project for the RTP. Alan Sanderson asked if this network is for transportation or also other applications. He also stated that on a Mesa project FHWA had indicated that ITS fiber projects launched with CMAQ cannot support other non-transportation city needs; Tim Wolfe also indicated that ADOT has a policy on using fiber to support transportation functions. Bob Steele indicated that Phoenix is not providing fiber but providing access to conduits that other applications can use to install their own fiber. Videoconferencing system is CMAQ funded as it was linked to trip reduction. Tim Wolfe indicated that the project assessment that ADOT will conduct may cost 3-5% of total project cost. It is likely that the AZTech grant can fund a PA for the entire RCN scope. Next meeting will include an action item to include RCN as part of the RTP. MAG staff was asked to check if this is possible without formal committee action.

8. Status Reports by Committee Members
Jim Book: In close out funding requests all ITS projects were approved – Glendale had 2 projects
Bob Steele: Fiber Optic Backbone met with ADOT local govt to seek approval – pursuing a contract mechanism Construction Mgr @ Risk – First part preconstruction stage – reviewing existing design modifying and adding to it – can add new partners easily – approval under experimental project category 14

Alan Sanderson: Mesa TMC is coming through equipment is also coming – Mesa bike maps were distributed.

Jim Book: Glendale has 3 ITS projects are going to bid opening; they are also planning to co-locate TMC with emergency operations of fire department

Ron Amaya: Peoria – fiber optic project City Hall to 84th Ave and Bell

Tim Wolfe: 511 model deployment completed design -- current statewide focus of 511 is moving to commuter focus – Quick Report concept – a snap shot based on 6 regions of the valley – based on the real-estate section of newspaper 6 regions – voice activated 511 – "Roads" – "East Valley" – Freeways, arterials, accidents first and constr info afterwards

Direct link to FMS freeway speed map

Same is being done for Tucson – statewide the freeways are being segmented to provide more detail – hope to have all in place by September – need sources of information from local govts –

HCRS will include new cities called BOB, Glendale Sports Complex etc. with authorization for someone to enter info into the system.

Bo Maki: Reported that TMC project request for $200,000 will go to Surprise City Council this week. He expects it to be approved.

9.	Next Meeting Date
	Next meeting date was announced as 9:30 AM on Wednesday July 2, 2003. The Concept of Operations project meeting was announced as 10:30 AM on the same day.
10.	Adjournment
	Chairman Book adjourned the meeting at 10:40 AM.